

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph on page 11, beginning at line 14 as follows:

FIG. 3A illustrates an overhead cross-sectional view of one illustrative embodiment of such a reactor module. FIG. 3B illustrates a side cross-sectional view of one illustrative embodiment of such a reactor module. Reactor module 300 consists essentially of a spiral exchanger with a fixed bed reactor 310 located in the core of the spiral exchanger. The spiral heat exchanger portion of the module is composed of two long, flat plates wrapped around the reactor core, creating two concentric spiral channels--an inlet spiral passage 330 and an outlet spiral passage 340. The channels are seal-welded on alternate sides to provide a sturdy barrier between the fluids. A cover 315 is fitted on each side, and a full-faced gasket is positioned between each cover and spiral element to prevent leaks.